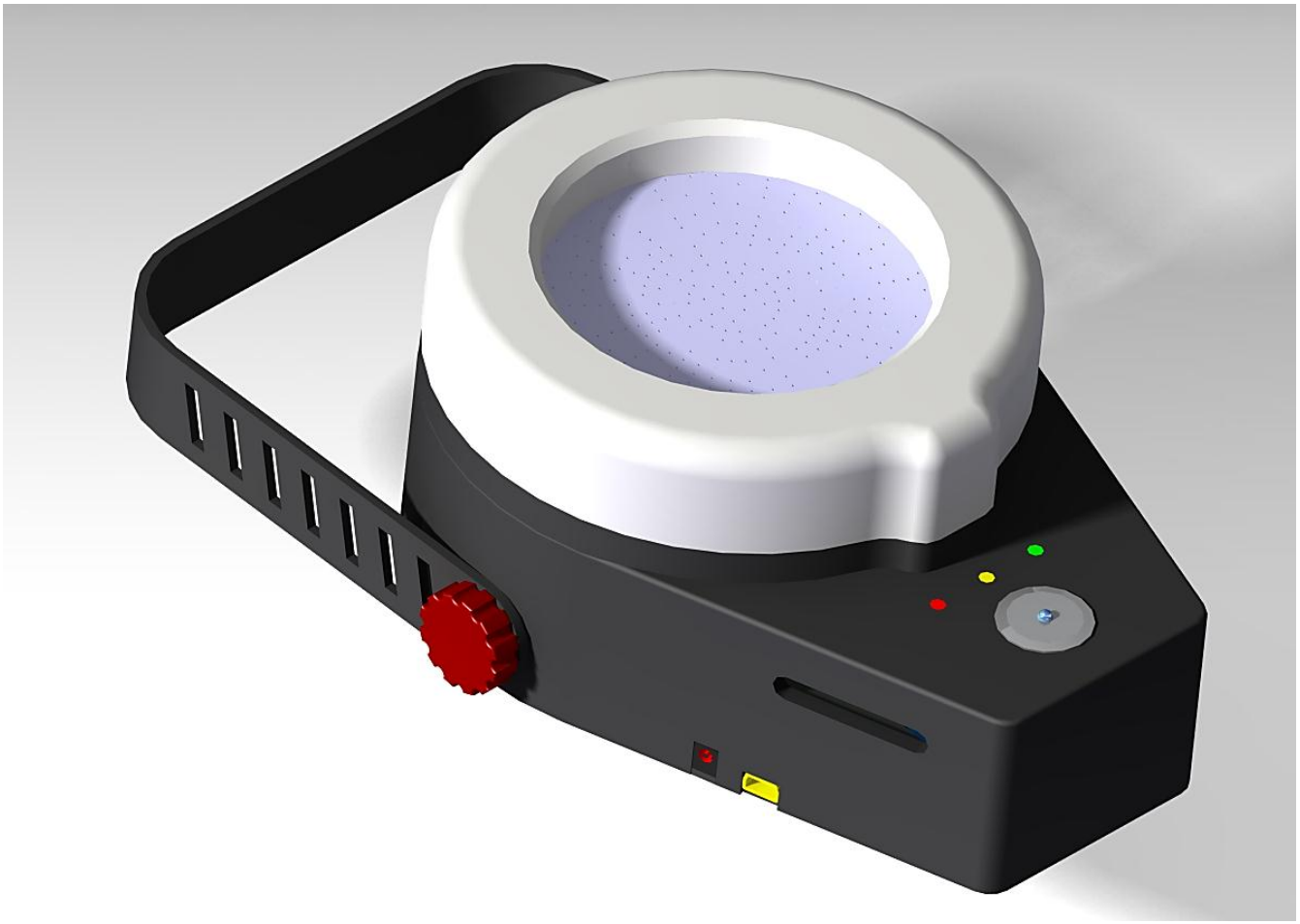
MAC-2014

MAC-2014 Mobile Active Count



User Manual

SISTEMA-MK GMBH

User Manual MAC-2014

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Table of Contents

Chapter 1

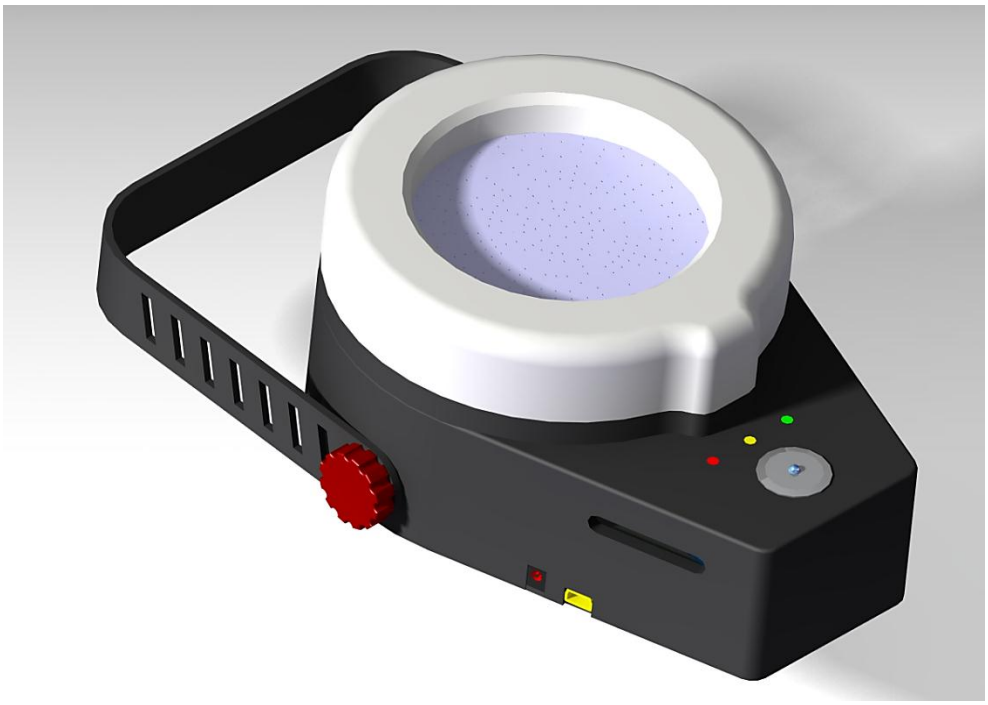
System Configuration

MAC-2014 is available in two versions, Standard and incl. range extender.

MAC-2014 Options

	MAC-2014 Standard	MAC-2014 Range Extender
Battery capacity	1000mAh	6.800mAh
Auto Start Function	Standard	Standard
Altitude Measurements	Standard	Standard
Atmospheric Pressure	Standard	Standard
Humidity Measurements	Optional	Standard
Temperature Measurements	Optional	Standard
CO^2 Measurement	Optional	Optional
Printer Functionality	Optional	Optional
Real Time Clock	Optional	Optional
Camera Stand Connection Threat	Optional	Standard
HOT Spot	Standard	Standard
WLAN Function	Optional	Optional

MAC-2014 Standard



MAC-2014 as Standard version

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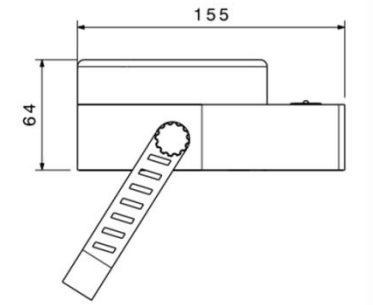

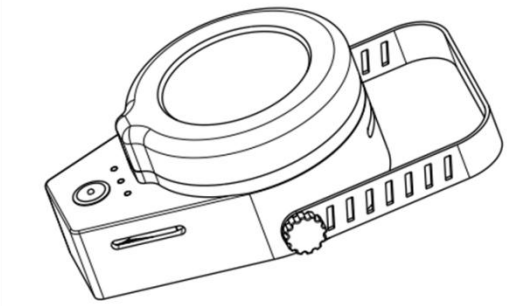

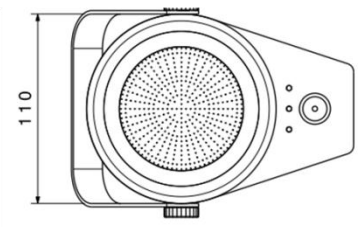

MAC 2014 Standard

MAC-2014 Extended Version

MAC-2014 as Expended version

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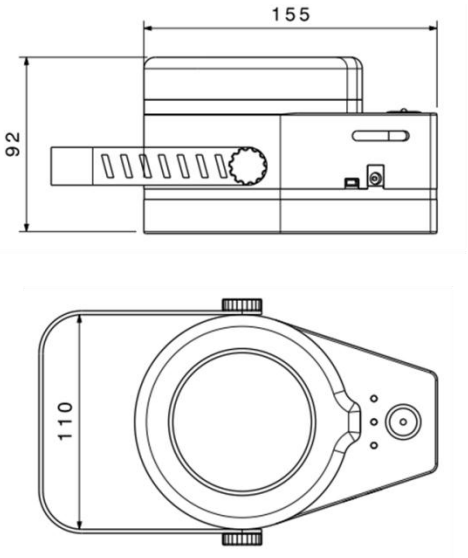
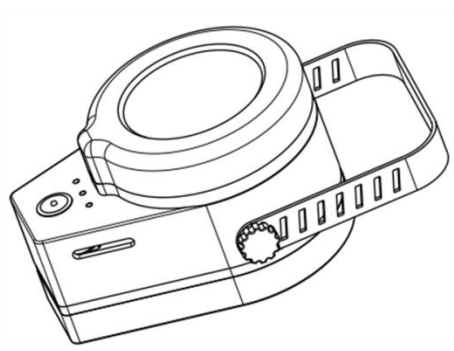




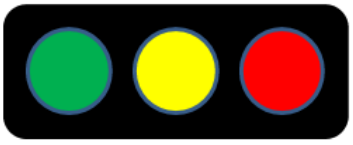
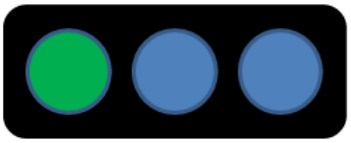
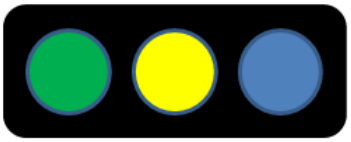
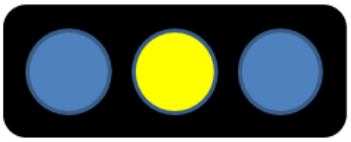
MAC 2014 Range Extender

Chapter 2

Quick Start Configuration

Traffic Light

MAC-2014 is working with 3 status light green, yellow and red.

Status Light	Definition
	Self-Test Status All lights on –everything is OK
	System read System is ready to measure
	System waiting time System has started – waiting time
	Sampling mode System is currently sampling
	Sampling mode finished Sampling is finished please remove plate – yellow blinking
	System failure – red blinking

First Step to Start Up

START MAC 2014

Push the blue button of the MAC 2014, as soon as the green light is on the MAC is ready to work.

START PRINTER

Push the start button of the printer the printer will automatically connect to the MAC 2014 – if the blue wireless sign is on the MAC 2014 is successfully connected.

START TABLET

Push the start button of the tablet PC.

Connect the WLAN to the MAC_2014 Hot Spot

Start the FireFox WEB Browser

Tip in the following network IP (192.168.42.1) in case the MAC was setup as Hotspot.

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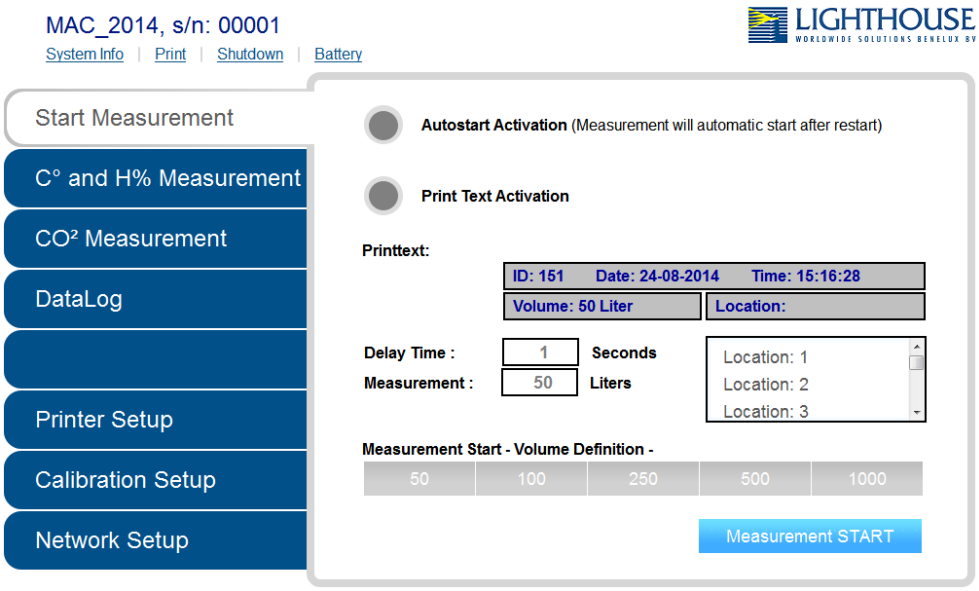
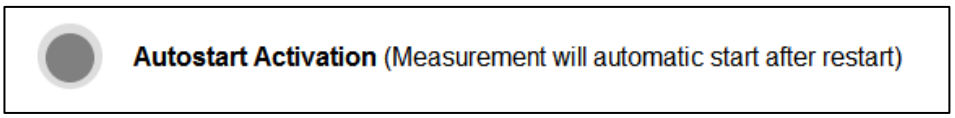
Sampling Mode Definition



AUTO START ACTIVATION



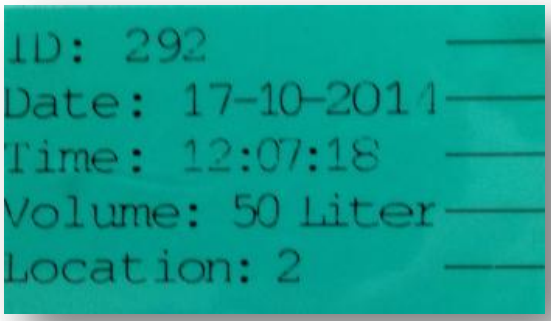
System will start automatically after re start with the setting of the last measurement.

- Auto start Activation – OFF
- Auto start Activation – ON

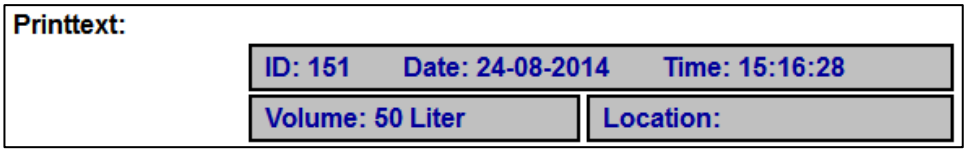
PRINT TEXT ACTIVATION

System will create a label text print file. The label will be printed as soon as the printer is switched on and connected by WLAN..

- Print Text Activation – OFF
- Print Text Activation – ON



PRINT TEXT CONFIGURATION



ID: Counting number of Measurements

Date: Date of sampling

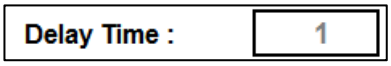
Time: Time of sampling

Volume: Sampling Volume

Location: Location of sampling

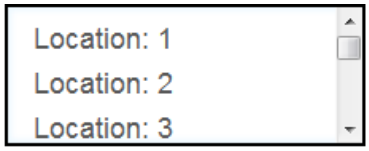
Print text will be automatically written into the print text field, in case of any needed of modification, the text can be changed by single activation of the text field.

DELAY TIME



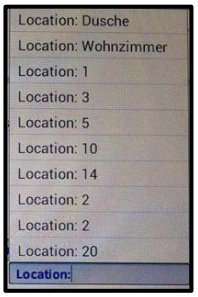
Definition of the delay time before sampling mode will start

LOCATION

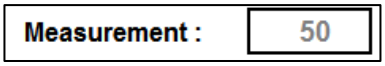


Definition of the measurement location, any customer specific location can be typed in manual into the print text file.

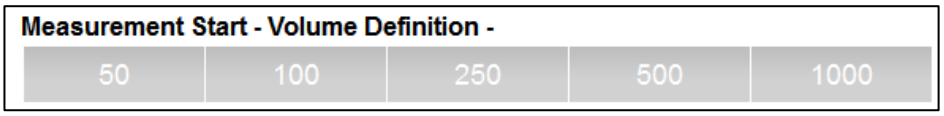
If a customer specific location is required please type in the location name into the location field, the new location name will be shown in the future as a kin of pre selection.



MEASUREMENT VOLUME



The measurement volume can be defined by typing in the required volume into the Measurement volume field or by selection of pre-defined the measurement volumes.

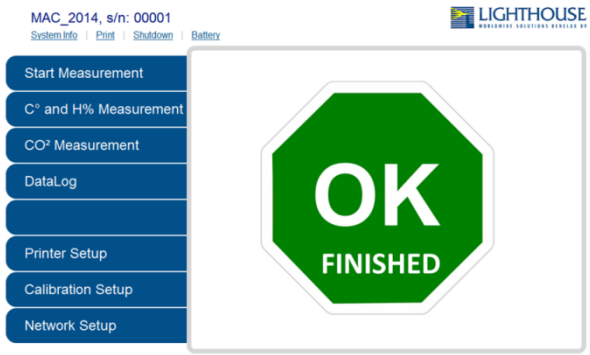


MEASUREMENT START

Start of the measurement

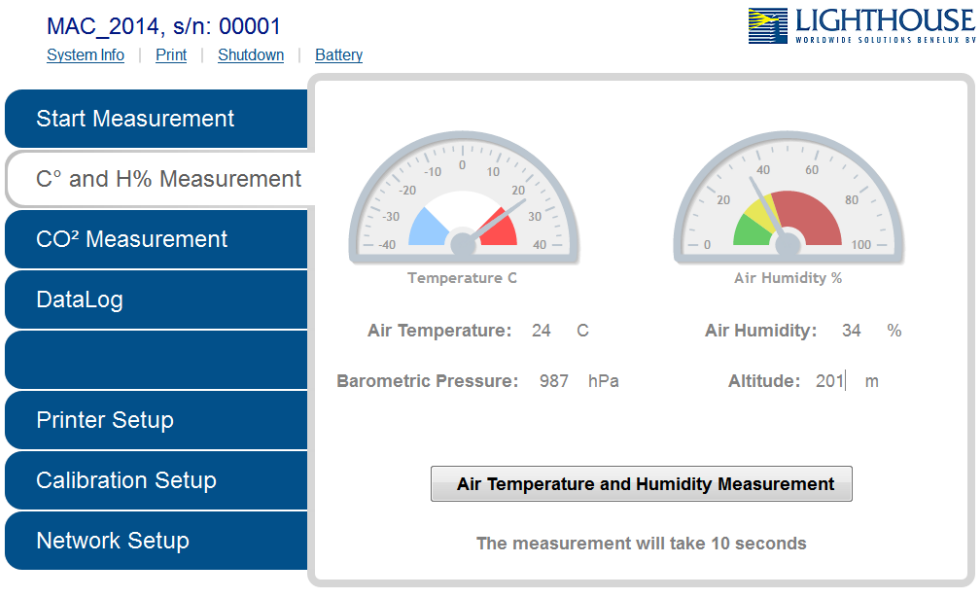
During the measurement is running the screen is showing the red logo.

As soon as the measurement is finished the system is showing the green logo.

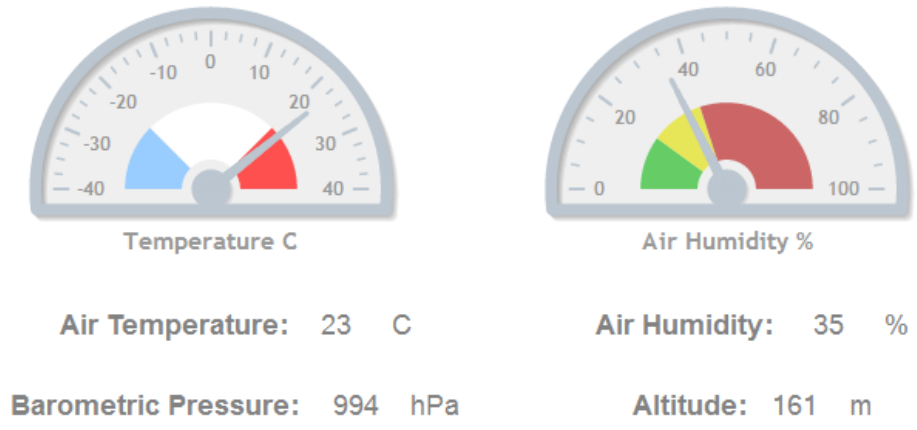


Chapter 3

Environment Measurement

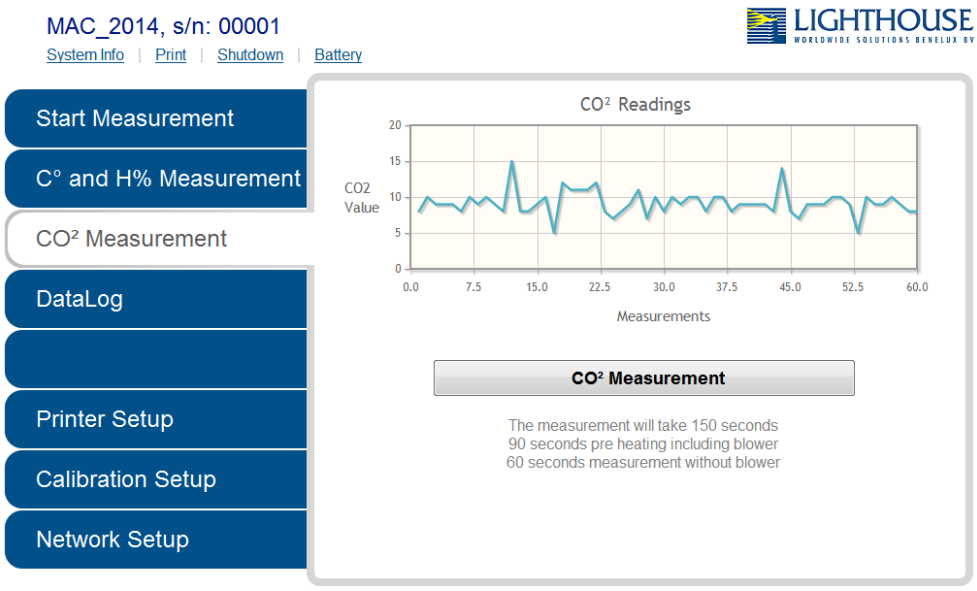


Activation of the button "Air Temperature and Humidity Measurement" will start the environment measurement after 10 seconds blow time.



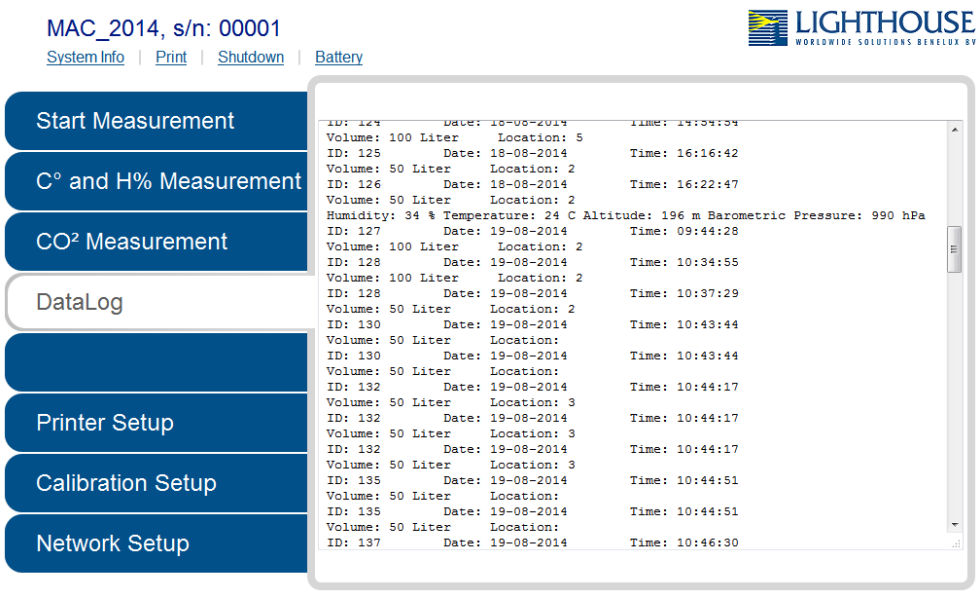
Chapter 4

CO^2 Measurement



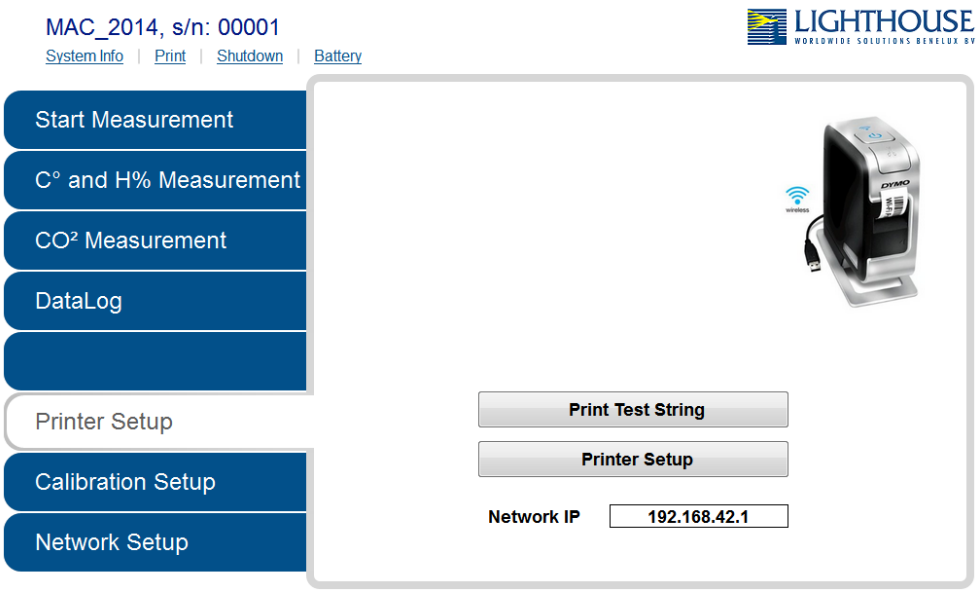
Chapter 5

Measurement Data Log File

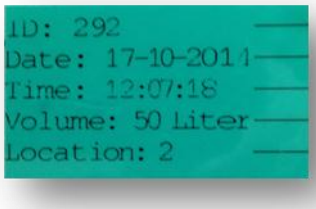


Chapter 6

Printer Setup



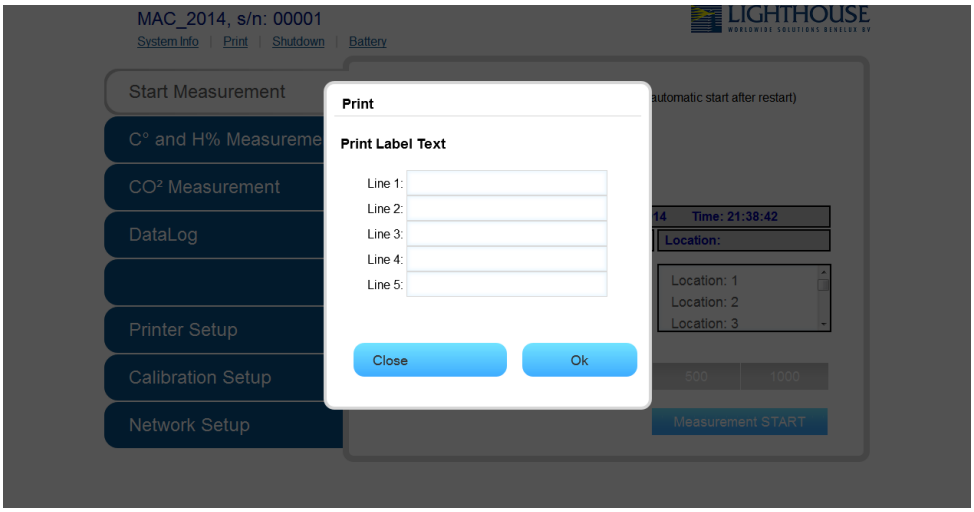
Print label Sample:



Print successfully connected:

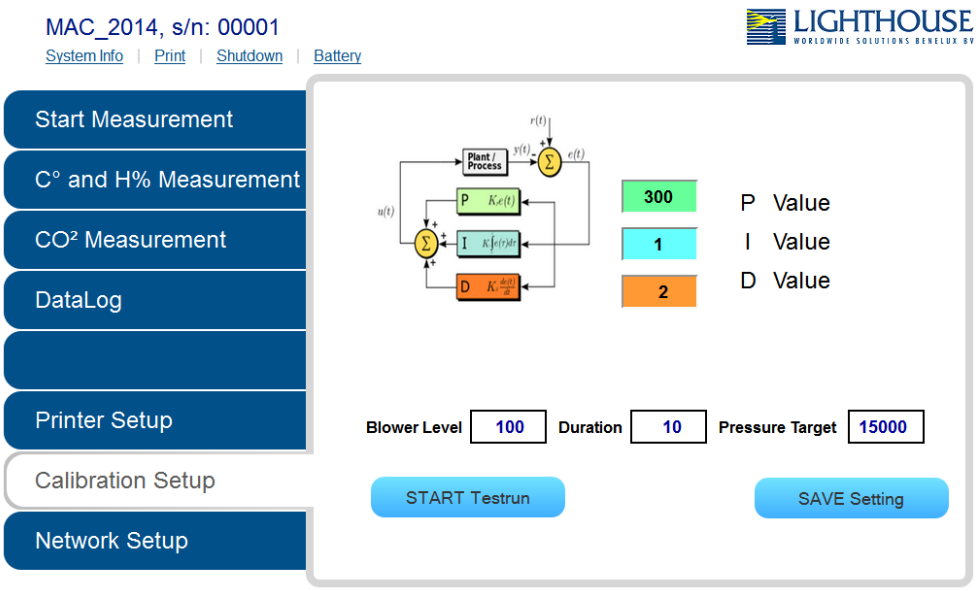
PRINT LABEL TEXT

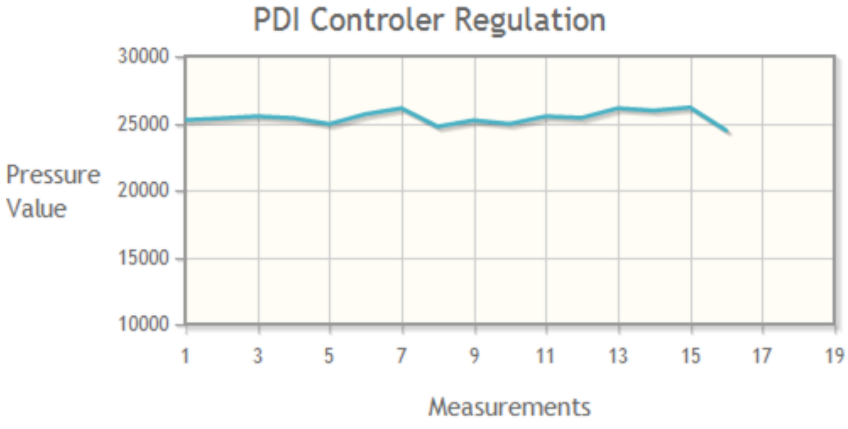
Free text label printing.

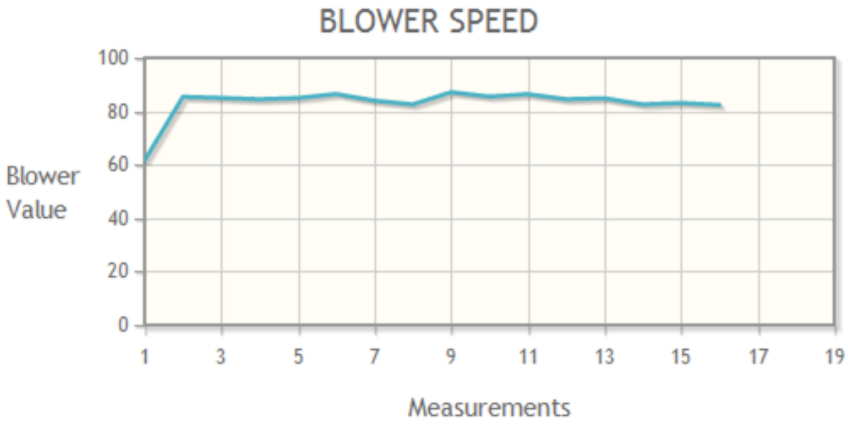


Chapter 7

Calibration Setup

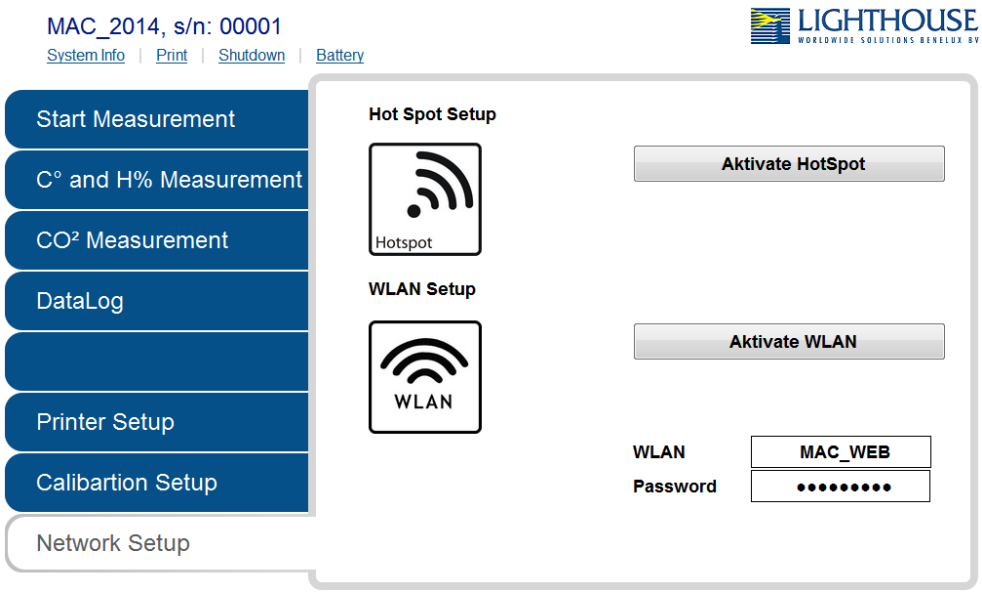





BLOWER SPEED
Blower Value
100
80
60
40
20
0
1
3
5
7
9
11
13
15
17
19
Measurements

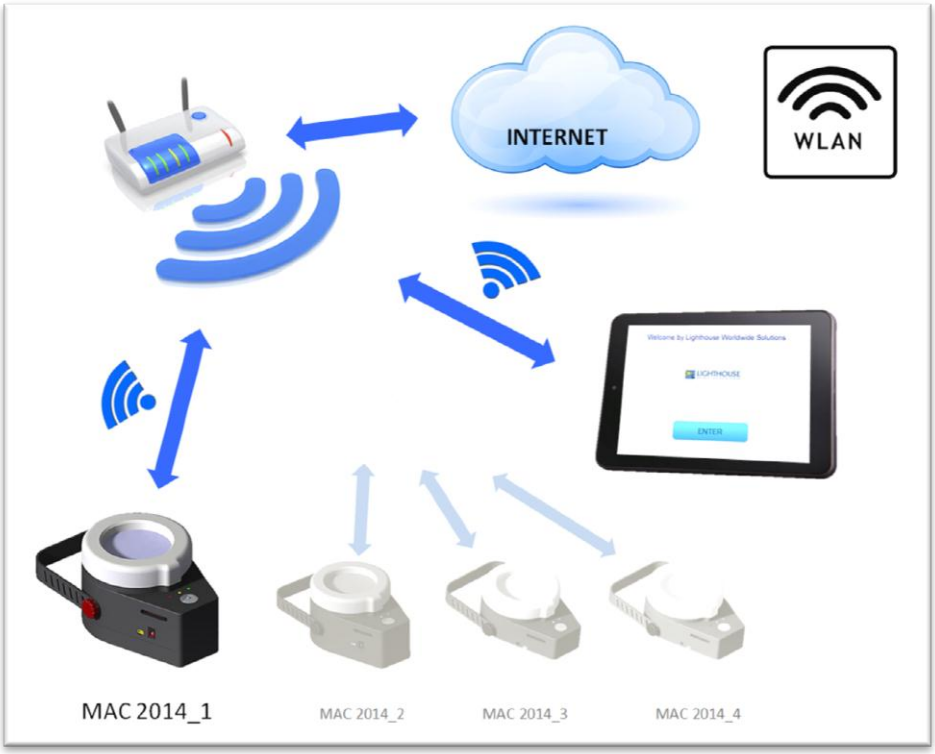
Chapter 8

Network Setup



HOT SPOT SETUP

WLAN SETUP



Remark:

In case the system was activated for WLAN Setup and the MAC is not close to any defined WLAN rooter, the system can always connect to the Tablet be activation the Mobile Hotspot function at the tablet. (Einstellungen, Mehr.. and Mobile Hotspot).

Select WLAN Button

Activate HotSpot

Login Information:

Netzwerk SSID: MAC_2014

WPA2PSK: sistema-mk